



NAME \_\_\_\_\_

DATE \_\_\_\_\_

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## About the Mathematics in This Unit

Dear Family,

Our class is starting a new unit in mathematics called *Number Games and Crayon Problems*. We will be working on adding and subtracting numbers to 20 in many different contexts, with the goal being fluency with addition and subtraction problems within 10. Students encounter new kinds of story problems, and think a lot about the notation mathematicians use for addition and subtraction. Throughout this unit, students will be working toward the following goals.

Benchmarks/Goals	Examples
Fluency with addition and subtraction within 10	$2 + 6 = \underline{\quad}$ $7 - 1 = \underline{\quad}$ $5 + 4 = \underline{\quad}$ $9 - 3 = \underline{\quad}$ $7 + 1 = \underline{\quad}$ $8 - 5 = \underline{\quad}$
Solve problems with one addend unknown.	Kim had 10 crayons. 7 were blue. The rest were red. How many were red?
Understand the equal sign.	True or False? $6 + 7 = 12$ $7 = 4 - 3$ $6 + 2 = 8 + 2$
Determine the missing number in an equation.	$6 + 7 = \underline{\quad}$ $\underline{\quad} + 7 = 12$ $6 + \underline{\quad} = 12$ $7 - \underline{\quad} = 3$
Solve problems with an unknown change.	<p>I had 5 pennies in my Jar.            Max gave me some more pennies.            Then I had 6 pennies.            How many pennies did Max give me?</p> <p>Kim had 5 pennies in her Jar.            She gave some pennies to Sam.            Then she had 3 pennies.            How many pennies did she give to Sam?</p>



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## About the Mathematics in This Unit

In our math class, students engage in math problems and activities and discuss the underlying concepts. They share their reasoning and solutions. It is important that children solve math problems accurately in ways that make sense to them. You can contribute at home by encouraging your child to explain her or his math thinking to you.

In the coming weeks, you will receive more information about the mathematics in this unit as well as suggested activities to do at home.